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United States Department of Agriculture,

DIVISION OF PUBLICATIONS—Circular 15.

JOS. A. ARNOLD, Editor and Chief.

WASHINGTON, D. C., *June 25, 1913.*

PUBLICATIONS OF THE BUREAU OF ANIMAL INDUSTRY.

NOTE.—Application for publications in this list should be made to the Editor and Chief of the Division of Publications, United States Department of Agriculture, Washington, D. C. The editions of some of the publications are necessarily limited, and when the supply is exhausted and no funds are available for procuring additional copies, applicants are referred to the Superintendent of Documents, Government Printing Office, who has them for sale at a nominal price, under the law of January 12, 1895. Applicants are urgently requested to ask only for those publications in which they are particularly interested. The department can not undertake to supply complete sets, nor is it allowable to send more than one copy of any publication to an applicant.

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REPORTS.

ANNUAL REPORTS OF THE BUREAU.

(These reports are volumes of several hundred pages, with illustrations, and contain special articles and miscellaneous information.)

Twenty-fourth Annual Report, for the Year 1907.
Twenty-seventh Annual Report, for the Year 1910.
Twenty-eighth Annual Report, for the Year 1911.

REPORTS OF THE CHIEF.

These are administrative reports in pamphlet form and are included in the Bureau of Animal Industry Reports. They can be supplied separately for the following fiscal years: 1889, 1890, 1891, 1895, 1896, 1897, 1899, 1900, 1901, 1902, 1905, 1906, 1908, 1912.

LIVE STOCK—BREEDING, FEEDING, ETC.

CATTLE.

Bul. 129. Cattle Breeders' Associations in Denmark.
Bul. 131. Beef Production in Alabama. I. Cost of Raising Cattle. II. Wintering Steers Preparatory to Summer Fattening. III. Fattening Cattle on Pasture.
Bul. 147. Fattening Calves in Alabama.
Bul. 159. Feeding Beef Cattle in Alabama. I. Winter Fattening on Cottonseed Meal, Cottonseed Hulls, Corn Silage, and Johnson-Grass Hay. II. Wintering Steers Followed by Summer Fattening on Pasture. III. The Value of Shelter for Fattening Cattle in Alabama. IV. Early Compared with Late Fattening of Steers on Pasture.
F. B. 55. The Dairy Herd: Its Formation and Management.
F. B. 106. Breeds of Dairy Cattle.
F. B. 350. The Dehorning of Cattle.
Animals Imported for Breeding Purposes for which Certificates of Pure Breeding Have Been Issued by the Bureau of Animal Industry. Cattle. January 1 to March 31, 1911.
Same, April 1 to June 30, 1911.
Same, July 1 to September 30, 1911.
Same, October 1 to December 31, 1911.

HORSES.

Cir. 168. A Note on the Feeding Value of Coconut and Peanut Meals for Horses.
F. B. 179. Horseshoeing.
Animals Imported for Breeding Purposes for which Certificates of Pure Breeding Have Been Issued by the Bureau of Animal Industry. Horses. January 1 to March 31, 1911.
Same, April 1 to June 30, 1911.
Same, July 1 to September 30, 1911.
Same, October 1 to December 31, 1911.
Same, Year, 1912.

HOGS.

F. B. 205. Pig Management.
F. B. 411. Feeding Hogs in the South.
F. B. 438. Hog Houses.

SHEEP AND GOATS.

F. B. 137. The Angora Goat.

MISCELLANEOUS.

Circ. 177. Information for Importers of Animals for Breeding Purposes.
Circ. 213. The Government's Inspection and Quarantine Service Relating to the Importation and Exportation of Live Stock.
F. B. 346. The Computation of Rations for Farm Animals by the Use of Energy Values.
F. B. 480. Practical Methods of Disinfecting Stables.
F. B. 481. Concrete Construction on the Live-Stock Farm.
Notes on the Animal Industry of Argentina. (Reprint from Twenty-fifth Annual Report.)
The Ancestry of Domesticated Cattle. (Reprint from Twenty-seventh Annual Report.)
The Principles of Breeding and the Origin of Domesticated Breeds of Animals (Reprint from Twenty-seventh Annual Report.)

DISEASES OF ANIMALS.

CATTLE.

(See also Tuberculosis.)

Bul. 130. Studies on the Biology of the Texas Fever Tick.
Bul. 144. Investigations Relative to Arsenical Dips as Remedies for Cattle Ticks.
Bul. 167. The Action of Arsenical Dips in Protecting Cattle from Infestation with Ticks.
Circ. 23. Directions for the Use of Blackleg Vaccine.
Circ. 31 (revised). Blackleg: Its Nature, Cause, and Prevention.
Circ. 66. Osteomalacia, or Creeps, in Cattle.
Circ. 68. Diseases of the Stomach and Bowels of Cattle.
Circ. 148. A Practical Demonstration of a Method for Controlling the Cattle Tick.
Circ. 183. Directions for Constructing a Vat and Dipping Cattle to Destroy Ticks.
Circ. 196. Some Results of Cattle Tick Eradication.
Circ. 207. Directions for Constructing Vats and Dipping Cattle to Destroy Ticks.
F. B. 152. Scabies in Cattle.
F. B. 206. Milk Fever: Its Simple and Successful Treatment.
F. B. 258. Texas or Tick Fever and Its Prevention.
F. B. 498. Methods of Exterminating the Texas Fever Tick.

HORSES.

Bul. 136. The Diagnosis of Glanders by Complement Fixation.
Bul. 142. Dourine of Horses: Its Cause and Suppression.
Circ. 122. Epizootic Cerebro-Spinal Meningitis of Horses.
Circ. 138. Infectious Anemia or Swamp Fever of Horses.
Immunization Tests in Tetanus. (Reprint from Twenty-eighth Annual Report.)

HOGS.

Circ. 108. Trichinosis: A Danger in the Use of Raw Pork for Food.
F. B. 379. Hog Cholera.

SHEEP AND GOATS.

Bul. 125. The Gid Parasite and Allied Species of the Cestode Genus *Multiceps*. Part I. Historical Review.
Circ. 159. Some Important Facts in the Life History of the Gid Parasite and Their Bearing on the Prevention of Disease.
Circ. 165. Methods for the Eradication of Gid.
Malta Fever and the Maltese Goat Importation. (Reprint from Twenty-fifth Annual Report.)
The 1908 Outbreak of the Foot-and-Mouth Disease in the United States. (Reprint from Twenty-fifth Annual Report.)

TUBERCULOSIS.

Circ. 175. The Control of Bovine Tuberculosis.
Circ. 190. The Vaccination of Cattle Against Tuberculosis.
Circ. 201. Tuberculosis of Hogs.
F. B. 351. The Tuberculin Test of Cattle for Tuberculosis.
F. B. 473. Tuberculosis.
Ybk. Sep. 131. The Preparation and Use of Tuberculin.
Ybk. Sep. 532. The Eradication of Cattle Tuberculosis in the District of Columbia.

MISCELLANEOUS.

Circ. 71. Anthrax in Cattle, Horses, and Men.
Circ. 89. The Preparation of Emulsions of Crude Petroleum.
Circ. 91. Bacillus Necrophorus and Its Economic Importance.
Circ. 129. Rabies and Its Increasing Prevalence.
Circ. 147. The Origin of the Recent Outbreak of Foot-and-Mouth Disease in the United States.
Circ. 192. The Regional Lymph Glands of Food-producing Animals.
F. B. 380. The Loco-Weed Disease.
F. B. 439. Anthrax, with Special Reference to Its Suppression.
F. B. 449. Rabies or Hydrophobia.

ANIMAL PARASITES.

Bul. 39. Index-Catalogue of Medical and Veterinary Zoology. Part 6. Authors: F to Fynney.
Same, Parts 9 to 10. Authors: H to Hyrtl.
Same, Parts 20 to 35. Authors: N to Zypkin.
Same, Part 36. Addenda and Corrigenda to Parts 1 to 35.
Bul. 125. The Gid Parasite and Allied Species of the Cestode Genus *Multiceps*. Part I. Historical Review.
Bul. 127. The Nematodes Parasitic in the Alimentary Tract of Cattle, Sheep, and Other Ruminants.

Bul. 135. A Comparative Study of Methods of Examining Feces for Evidences of Parasitism.
Bul. 153. The Action of Anthelmintics on Parasites Located Outside of the Alimentary Canal.
Circ. 14. Check List of the Animal Parasites of Geese.
Circ. 159. Some Important Facts in the Life History of the Gid Parasite and Their Bearing on the Prevention of Disease.

THE DAIRY INDUSTRY.

Circ. 103. Records of Dairy Cows, their Value, and Importance in Economic Milk Production.
Circ. 131. Designs for Dairy Buildings.
Circ. 136. How to Build a Stone Silo.
Circ. 153. The Dissemination of Disease by Dairy Products and Methods for Prevention.
Circ. 179. Cow-Testing Associations.
Circ. 188. Increasing Creamery Profits, by Handling Special Products, and Utilizing By-Products.
Circ. 195. A Plan for a Small Dairy House.
Circ. 199. The Score-Card System of Dairy Inspection.
Circ. 204. Officials, Organizations, and Educational Institutions Connected with the Dairy Interests. (1912.)
Circ. 209. The Utilization of Exhaust Steam for Heating Boiler Feed Water and Wash Water in Milk Plants, Creameries, and Dairies.
F. B. 55. The Dairy Herd: Its Formation and Management.
F. B. 106. Breeds of Dairy Cattle.
F. B. 349. The Dairy Industry in the South.
Ybk. Sep. 606. Dairying and Its Relation to Agriculture in Semiarid Regions. [In press.]

MILK AND CREAM.

Bul. 104. Medical Milk Commissions and the Production of Certified Milk in the United States.
Bul. 117. Leucocytes in Milk: Methods of Determination and the Effect of Heat Upon Their Number.
Bul. 126. The Bacteriology of Commercially Pasteurized and Raw Market Milk.
Bul. 156. The Influence of Breed and Individuality on the Composition and Properties of Milk.
Bul. 166. Chemical Changes in Cow's Milk by Pasteurization.
Circ. 142. Some Important Factors in the Production of Sanitary Milk.
Circ. 197. Directions for the Home Pasteurization of Milk.
Circ. 205. Milk and Cream Contests: How to Conduct Them and How to Prepare Samples for Competition.
Circ. 217. The Control of Bulk Milk in Stores.
F. B. 490. Bacteria in Milk.
Ybk. Sep. 536. The Grading of Cream.
Ybk. Sep. 595. Condensed and Desiccated Milk. [In press.]
The Effect of Certain Diseases and Conditions of Cattle Upon the Milk Supply. (Reprint from Twenty-fourth Annual Report.)
Casein Media Adapted to the Bacterial Examination of Milk. (Reprint from Twenty-eighth Annual Report.)
Biochemic Reactions and the Bacterial Count of Milk. (Reprint from Twenty-eighth Annual Report.)

BUTTER.

Bul. 148. The Manufacture of Butter for Storage.
Circ. 146. Fishy Flavor in Butter.
Circ. 161. Whey Butter.
Circ. 189. The Temperature of Pasteurization for Butter Making.
Circ. 200. A Simple Butter Color Standard.
F. B. 241. Butter Making on the Farm.
F. B. 541. Farm Butter Making.

CHEESE.

Bul. 115. Camembert Cheese Problems in the United States.
Bul. 118. Cultural Studies of Species of Penicillium.
Bul. 120. The Intracellular Enzyms of Penicillium and Aspergillus, with Special Reference to Those of *Penicillium camemberti*.
Bul. 122. Factors Controlling the Moisture Content of Cheese Curds.
Bul. 123. The Influence of Lactic Acid on the Quality of Cheese of the Cheddar Type.
Bul. 146. Varieties of Cheese.
Bul. 150. The Bacteriology of Cheddar Cheese.
Bul. 165. The Manufacture of Cheese of the Cheddar Type from Pasteurized Milk.
Circ. 181. Methods and Results of Paraffining Cheese.
F. B. 166. Cheese Making on the Farm.

POULTRY AND EGGS.

Circ. 119. Notes on Experiments with Blackhead of Turkeys.
Circ. 176. A System of Poultry Accounting.
Circ. 208. The Organization of Girls' Poultry Clubs.
F. B. 51. Standard Varieties of Chickens.
F. B. 64. Ducks and Geese: Standard Varieties and Management.
F. B. 177. Squab Raising.
F. B. 200. Turkeys: Standard Varieties and Management.
F. B. 236. Incubation and Incubators.
F. B. 287. Poultry Management.
F. B. 445. Marketing Eggs Through the Creamery.
F. B. 452. Capons and Caponizing.
F. B. 528. Hints to Poultry Raisers.
F. B. 530. Important Poultry Diseases.

MEAT INSPECTION, MEAT PRODUCTS, ETC.

Bul. 132. A Bacteriological Study of Ham Souring.
Circ. 108. Trichinosis: A Danger in the Use of Raw Pork for Food.
Circ. 150. Regulations Governing Entrance to the Veterinary Inspector Examination.
Circ. 150a. A list of Accredited Veterinary Colleges. Revision of List Contained in Regulation XXIV, Circular 150.
Circ. 154. The Need of State and Municipal Meat Inspection to Supplement Federal Inspection.
Circ. 173. The Sanitary Construction and Equipment of Abattoirs and Packing Houses.
Circ. 185. State and Municipal Meat Inspection and Municipal Slaughterhouses.
Circ. 203. A Method for the Determination of Starch in Meat Food Products.
F. B. 183. Meat on the Farm: Butchering, Curing, and Keeping.

Order 150. Regulations Governing the Meat Inspection of the United States Department of Agriculture.

Amendments 1 to 4, inclusive, to same.

Instructions Concerning Trade Labels Under the Meat-Inspection Law and Regulations.

A Study of Methods of Canning Meats, with Reference to the Proper Disposal of Defective Cans. (Reprint from Twenty-fourth Annual Report.)

Report of a Commission on Certain Features of the Federal Meat-Inspection Regulations. (Reprint from Twenty-fourth Annual Report.)

Slaughter and Consumption of Food Animals in the United States for the Year 1909. (Reprint from Twenty-eighth Annual Report.)

MISCELLANEOUS.

Bul. 124. Methods and Standards in Bomb Calorimetry.

Bul. 133. Determination of Nicotin in Nicotin Solutions and Tobacco Extracts.

Circ. 136. How to Build a Stave Silo.

Circ. 149. A Cold-Storage Evaporimeter.

Circ. 177. Information for Importers of Animals for Breeding Purposes.

Circ. 179. Cow-Testing Associations.

Circ. 180. A Method for the Separation of the Seven Permitted Coal-Tar Colors When Occurring in Mixtures.

Circ. 212. The Detection of Phytosterol in Mixtures of Animal and Vegetable Fats.

F. B. 345. Some Common Disinfectants.

F. B. 480. Practical Methods of Disinfecting Stables.

Ybk. Sep. 130. Cattle Dipping: Experimental and Practical.

The Use of Metallic Containers for Edible Fats and Oils. (Reprint from Twenty-sixth Annual Report.)

REGULATIONS.

Regulations are issued by the Secretary of Agriculture with regard to meat inspection, live-stock quarantine, the interstate movement and exportation of live stock, the inspection and quarantine of imported animals, the certification of pure-bred animals imported for breeding purposes, the inspection of renovated butter, etc. As these regulations are subject to frequent change, no list is given here. Persons desiring copies of the regulations on any of these subjects should apply to the Chief of the Bureau of Animal Industry, United States Department of Agriculture, Washington, D. C., and the current regulations will be sent.

Approved:

D. F. Houston,

Secretary of Agriculture.

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